Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 16 Feb 2023 until 23:59 on Friday 17 Feb 2023

Forecast Issued on Thursday 16 Feb 2023 at 01:10

Confidence: High confidence for a period of mild and slightly more unsettled weather than of late. Moderate confidence of timing of rain and strength of winds Friday, but some uncertainty.

Headline for Thursday 16 Feb 2023: Dull with spells of rain and drizzle. Strong summit winds. Freezing level above all peaks.

Mountain weather hazards on Thursday 16 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG			
Cloudy	Fog	Fog	Cloudy	Cloudy	Light rain
Precipitation probability					
70%	70%	40%	30%	20%	70%

Forecast for Thursday 16 Feb 2023

Weather: A dull day with extensive cloud and outbreaks of generally light rain and drizzle, this most persistent through the early morning and again late evening.

Chance of cloud-free hill tops above 600m: 10% or less, increasing to 30-40% for a time during the late afternoon and early evening.

Low Cloud and visibility: Moderate or poor in rain and drizzle, very poor within cloud with bases extensive down to 400-500m with patches below, perhaps thinning for a time during late afternoon and early evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 16 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 S	9/14 S	12/16 SW	16/22 W	17/24 SW	20/29 SW	26/39 SW
300	5/14 S	3/9 SE	7/14 SW	10/19 W	9/19 SW	13/27 SW	17/35 SW
Valley	4/10 E	4/7 E	6/12 SW	9/18 W	7/17 SW	9/22 SW	13/29 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	4/0	5/2	5/0	4/-1	4/-1	7/1
300	5/3	5/4	6/4	7/4	6/3	6/3	8/4
Valley	6/5	6/5	8/6	8/6	7/4	7/5	9/6
Freezing Level*	1600m	1800m	1600m	1400m	2100m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive hill fog with severe chill effect across highest peaks early and late in the day. Winds strengthening in the evening, with gale force gusts perhaps developing across the peaks.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 16 Feb 2023	0.6mm	1.6mm	1.8mm

Forecast for Friday 17 Feb 2023

Weather: Very windy with gales or severe gales across the peaks. Overcast through the morning with occasional light to moderate outbreaks of rain and drizzle, but becoming drier and brighter in the afternoon, particularly across eastern parts.

Maximum wind: West to southwest mean 30-40 mph with gusts reaching 55-65 mph across most exposed ridges and summits, gradually easing through the afternoon.

Chance of cloud-free hill tops above 600m: 10% or less becoming 60-70% by mid afternoon

Low Cloud and visibility: Moderate or poor in rain, very poor within cloud with bases extensive down to 500m at first with patches below, erratically lifting and breaking from the north from mid-day.

Temperature: **Valleys:** Plus 5 Celsius lifting 11 Celsius during the afternoon
At 600m: Plus 7 Celsius lowering plus 3 Celsius for evening
Freezing level: Above summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.